

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04B10/17 H04B10/213

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04B H01S H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

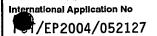
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Delevent to elektronic
	Challen of document, while indicated, where appropriate, of the relevant passages	Relevant to claim No.
	SALEHEEN H I: "Closed cycle lasing of ASE noise in a WDM ring network" TECHNICAL DIGEST. CLEO/PACIFIC RIM 2001. 4TH PACIFIC RIM CONFERENCE ON LASERS AND ELECTRO-OPTICS, vol. 2, no. II, 15 July 2001 (2001-07-15), - 19 July 2001 (2001-07-19) pages 558-559, XP002279117 Chiba, Japan	1-7,18
(the whole document	8-17,19, 20
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Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.		
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filling date L' document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the Invention invention. "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 		
Date of the actual completion of the international search	Date of mailing of the international search report		
18 November 2004	25/11/2004		
Name and malling address of the ISA	Authorized officer		
European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Vaquero, R		

Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT





C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	1 81/ 11 2004/ 03212/		
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Y	US 6 421 168 B1 (DUERKSEN GARY ET AL) 16 July 2002 (2002-07-16) column 4, line 4 - line 10 column 4, line 29 - column 6, line 32 column 7, line 8 - line 11 column 7, line 42 - line 63 column 9, line 1 - line 13 column 10, line 1 - line 19 figures 3A-7	8-11,19 1-7,18		
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International Application No EP2004/052127

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